

## SEQUENCE LISTING

<110> Smith, Kelli E.  
Weinshank, Richard L.

<120> DNA Encoding A Human Receptor (hp15a) And Uses Thereof

<130> 55180

<140> 09/179,798  
<141> 1998-10-27

<160> 16

<170> PatentIn Ver. 2.1

<210> 1  
<211> 1311  
<212> DNA  
<213> Homo sapiens

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<210> 2  
<211> 396

Applicants: Kelli E. Smith and  
Richard Weinshank  
Serial No: Not Yet Known  
Filed: Herewith  
**Exhibit 1**

<212> PRT

<213> Homo sapiens

<400> 2

Met	Trp	Asn	Ser	Ser	Asp	Ala	Asn	Phe	Ser	Cys	Tyr	His	Glu	Ser	Val
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Leu Gly Tyr Arg Tyr Val Ala Val Ser Trp Gly Val Val Val Ala Val  
20 25 30

Thr Gly Thr Val Gly Asn Val Leu Thr Leu Leu Ala Leu Ala Ile Gln  
 35 40 45

Pro Lys Leu Arg Thr Arg Phe Asn Leu Leu Ile Ala Asn Leu Thr Leu  
50 55 60

Ala Asp Leu Leu Tyr Cys Thr Leu Leu Gln Pro Phe Ser Val Asp Thr  
65 70 75 80

Tyr Leu His Leu His Trp Arg Thr Gly Ala Thr Phe Cys Arg Val Phe  
85 90 95

Gly Leu Leu Leu Phe Ala Ser Asn Ser Val Ser Ile Leu Thr Leu Cys  
                  100                 105                 110

Leu Ile Ala Leu Gly Arg Tyr Leu Leu Ile Ala His Pro Lys Leu Phe  
 115                    120                    125

Pro Gln Val Phe Ser Ala Lys Gly Ile Val Leu Ala Leu Val Ser Thr  
130 135 140

Trp Val Val Gly Val Ala Ser Phe Ala Pro Leu Trp Pro Ile Tyr Ile  
145 150 155 160

Leu Val Pro Val Val Cys Thr Cys Ser Phe Asp Arg Ile Arg Gly Arg  
165 170 175

Pro Tyr Thr Thr Ile Leu Met Gly Ile Tyr Phe Val Leu Gly Leu Ser  
                  180                 185                 190

Ser Val Gly Ile Phe Tyr Cys Leu Ile His Arg Gln Val Lys Arg Ala  
195 200 205

Ala Gln Ala Leu Asp Gln Tyr Lys Leu Arg Gln Ala Ser Ile His Ser  
210 215 220

Asn	His	Val	Ala	Arg	Thr	Asp	Glu	Ala	Met	Pro	Gly	Arg	Phe	Gln	Glu
225					230					235					240

Leu Asp Ser Arg Leu Ala Ser Gly Gly Pro Ser Glu Gly Ile Ser Ser  
 245 250 255  
  
 Glu Pro Val Ser Ala Ala Thr Thr Gln Thr Leu Glu Gly Asp Ser Ser  
 260 265 270  
  
 Glu Val Gly Asp Gln Ile Asn Ser Lys Arg Ala Lys Gln Met Ala Glu  
 275 280 285  
  
 Lys Ser Pro Pro Glu Ala Ser Ala Lys Ala Gln Pro Ile Lys Gly Ala  
 290 295 300  
  
 Arg Arg Ala Pro Asp Ser Ser Ser Glu Phe Gly Lys Val Thr Arg Met  
 305 310 315 320  
  
 Cys Phe Ala Val Phe Leu Cys Phe Ala Leu Ser Tyr Ile Pro Phe Leu  
 325 330 335  
  
 Leu Leu Asn Ile Leu Asp Ala Arg Val Gln Ala Pro Arg Val Val His  
 340 345 350  
  
 Met Leu Ala Ala Asn Leu Thr Trp Leu Asn Gly Cys Ile Asn Pro Val  
 355 360 365  
  
 Leu Tyr Ala Ala Met Asn Arg Gln Phe Arg Gln Ala Tyr Gly Ser Ile  
 370 375 380  
  
 Leu Lys Arg Gly Pro Arg Ser Phe His Arg Leu His  
 385 390 395

&lt;210&gt; 3

&lt;211&gt; 45

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: primer/probe

&lt;400&gt; 3

ggcatcatca tggcacctt catcctctgc tggctgccc tcttc 45

&lt;210&gt; 4

&lt;211&gt; 45

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

<220>  
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<211> 45  
<212> DNA  
<213> Artificial Sequence  
  
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<223> Description of Artificial Sequence: primer/probe  
  
<400> 5  
tggctgtcat cggacatcac ttgttgact gcctccatcc tgcac 45  
  
<210> 6  
<211> 45  
<212> DNA  
<213> Artificial Sequence  
  
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<223> Description of Artificial Sequence: primer/probe  
  
<400> 6  
gttagcggtcc agggcgatga cacagaggtg caggatggag gcagt 45  
  
<210> 7  
<211> 45  
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<213> Artificial Sequence  
  
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<223> Description of Artificial Sequence: primer/probe  
  
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atccctctaca ctgtctactc cacgggtgggt gctttctact tcccc 45  
  
<210> 8  
<211> 45  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: primer/probe

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gccatagagg gcgatgagga gcagggtggg gaagttagaaa gcacc 45

<210> 9  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: primer/probe

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<210> 10  
<211> 46  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: primer/probe

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<210> 11  
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<223> Description of Artificial Sequence: primer/probe

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<210> 12  
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<220>  
<223> Description of Artificial Sequence: primer/probe

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<210> 13  
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<210> 16  
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&lt;223&gt; Description of Artificial Sequence: primer/probe

&lt;400&gt; 16

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25